

**SEMINOLE COUNTY GOVERNMENT
AGENDA MEMORANDUM**

SUBJECT: BCR #09-13 - \$85,771 - Public Works - Stormwater Fund - establishment of Lake Jesup Groundwater Seepage Study project

DEPARTMENT: Fiscal Services

DIVISION: Budget

AUTHORIZED BY: Lisa Spriggs

CONTACT: Fredrik Coulter

EXT: 7180

MOTION/RECOMMENDATION:

Approve and authorize the Chairman to execute the Budget Change Request (BCR) #09-13 through the Stormwater Fund in the amount of \$85,771.00 to establish and provide funding for the Lake Jesup Groundwater Seepage Study project.

County-wide

Fredrik Coulter

BACKGROUND:

The proposed **Lake Jesup Groundwater Seepage Study** project is to conduct a detailed hydrologic and nutrient loading study to determine the actual quantity and quality of surficial groundwater seepage entering Lake Jesup. The results of the study will be used to refine the water budget and pollutant load allocations for the Lake Jesup Total Maximum Daily Load (TMDL) and Basin Management Action Plan (BMAP). Estimates and literature values were used by the Florida Department of Environmental Protection (FDEP) in the Lake Jesup TMDL model, which resulted in the allocation of estimated pollutant load to all stakeholders, most significantly unincorporated Seminole County.

It is anticipated that actual pollutant loadings entering Lake Jesup from groundwater will be higher in concentration than indicated by the FDEP Lake Jesup TMDL model, potentially reducing the load allocation of unincorporated Seminole County. At a minimum, the refinement of the data will provide a more accurate overall picture of the lake that will maximize the efficiency of retrofit projects by identifying areas of highest pollutant concentrations, thereby maximizing the removal of pollutant loads. This should result in significant cost savings.

The funding for the Lake Jesup Groundwater Seepage Study project is provided on the attached Budget Change Request (BCR) entirely by the Lake Management Program's Professional Services operating budget. However, it is anticipated that a potential cost sharing agreement with the St. Johns River Water Management District will result in reimbursements of approximately \$10,000 to \$25,000, reducing the net cost of the project to the County. Additional agreements with other stakeholders are also being pursued, which would further reduce the net cost of the project to the County. The total cost of the project is estimated at \$85,771, with an estimated completion date of October 2010.

The attached BCR does not affect Reserves of the Stormwater Fund.

STAFF RECOMMENDATION:

Staff recommends that the Board approve and authorize the Chairman to execute the Budget Change Request (BCR) #09-13 through the Stormwater Fund in the amount of \$85,771.00 to establish and provide funding for the Lake Jesup Groundwater Seepage Study project.

ATTACHMENTS:

1. Budget Change Request

Additionally Reviewed By: No additional reviews

*****SEMINOLE COUNTY BUDGET REQUEST*****

Budget Division Use only:

DATE: 05/12/09

FROM: Department Public Works

Division Roads / Stormwater

BCR	<input checked="" type="checkbox"/>	09-13

WHAT IS NEEDED:

<p align="center">Operational Adjustment</p> <p><input type="checkbox"/> More funds for Budgeted program: Program is budgeted but additional funds are requested (Increased Cost)</p> <p><input type="checkbox"/> More funds for Budgeted program: Program is budgeted but additional funds are requested (Increased Scope)</p> <p><input type="checkbox"/> New program or service: program or service is not in this fiscal year's budget.</p>	<p align="center">Project Adjustment</p> <p><input type="checkbox"/> More fund for Budgeted project: Project is budgeted but additional funds are requested. (Increased Cost)</p> <p><input type="checkbox"/> More fund for Budgeted project: Project is budgeted but additional funds are requested. (Increase Scope)</p> <p><input checked="" type="checkbox"/> New project: Project is not in this fiscal year's budget.</p>
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Detailed Explanation:

To provide funding for the Lake Jesup Groundwater Seepage Study project.

Fund # 13000 Fund Name Stormwater Fund

	FUND/ACCOUNT NUMBER	Project #	ACCOUNT TITLE	AMOUNT
TRANSFER FROM	<u>13000.077450.530310</u>		<u>Professional Services</u>	<u>\$ 85,771</u>
			TOTAL	\$ 85,771

	FUND/ACCOUNT NUMBER	Project #	ACCOUNT TITLE	AMOUNT
TRANSFER TO	<u>13000.077450.530310</u>	<u>00284201 (New)</u>	<u>Professional Services (Lake Jesup Groundwater Seepage Study)</u>	<u>\$ 85,771</u>
			TOTAL	\$ 85,771

RECOMMENDATION: ☒ Approval Date 5/12/2009 Analyst F V Coulter Budget Manager _____

REVIEW: FS Director _____ County Manager _____

BCC APPROVAL: BCC Meeting Date 6/9/09 Date Signed _____ Signature Bob Dallari, Chairman

FINANCE: Transfer has been posted Date _____ Signature _____